



COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
ONE WINTER STREET, BOSTON, MA 02108 617-292-5500

MITT ROMNEY
Governor

KERRY HEALEY
Lieutenant Governor

ELLEN ROY HERZFELDER
Secretary

ROBERT W. GOLLEDGE, Jr.
Commissioner

Bulk Water Suppliers
Sampling Requirements And Transport Responsibility

Effective Date: August 25, 2003

Policy # BRP/DWM/DWP/P03-1

Program Applicability: Drinking Water Program

Supersedes Policy #: 92-07 (Aug. 31, 1993)

Approved by: [signed] David Y. Terry, Drinking Water Program Director

This policy is adopted to clarify the DEP, Drinking Water Program's position regarding the status of Bulk Storage and Transportation of Water in the Commonwealth when the water is to be used for public water supply purposes.

Rationale

Bulk water source(s)/supplies not used in food or bottling operations located in Massachusetts are currently not specifically regulated by the Department of Public Health (DPH). Only those Bulk sources/supplies, which have received DEP approval as a PWS source may sell water to public water systems. When these source/supplies are used by a DEP regulated public water system these bulk sources/supplies must meet the applicable DEP minimum drinking water standards.

Policy

It is the policy of the Drinking Water Program (DWP) to require approval, in compliance with Drinking Water Regulations, 310 CMR 22.00, of bulk water supply sources located in Massachusetts which are intended to supply drinking water to public water systems on an emergency or other basis, or to bottled water operations or to vending systems or for any other potable purpose.

A. Bulk Water Sources Requirements

Routine monitoring for Bulk water supply sources will be equivalent to those required for a community public water system serving 10,000 or more people unless the bulk water supply source owner certifies in writing that they will not supply water to a community or non-transient non-community water system or a bottling facility. The source would then be monitored as a transient non-community water system.

9207amend82503

This information is available in alternate format. Call April McCabe, ADA Coordinator at 1-617-556-1171. TDD Service - 1-800-298-2207.

DEP on the World Wide Web: <http://www.mass.gov/dep>

Printed on Recycled Paper

B. Water Hauler (Bulk Water Transporter) Requirements

- I. If Bulk Water is to be provided to a public water system (PWS) on an emergency or other basis as defined by 310 CMR 22.00 and DWP guidelines and policies, DEP will require that the PWS ensures compliance for the transportation of such water in accordance with DPH regulations, 105 CMR 570.011, Bulk storage and Transportation of Water. The requirements are:
 - (A) All source water storage facilities shall be maintained clean and sanitary at all times.
 - (B) Bulk tanks, hoses, pumps and connections used for loading, transporting and unloading water shall be sanitized prior to receiving each load of water.
 - (C) All surfaces that come into contact with water during transport shall be made of a smooth, impervious, nonabsorbent, corrosion-resistant and nontoxic material such as stainless steel in compliance with American National Standard Institute specifications, or an equally corrosion-resistant, nontoxic material.
 - (D) Transport tanks, filling and delivery hoses and connections shall be cleaned and sanitized each time they are emptied. A record of all cleaning and sanitizing showing the date, time, place and signature and name of the employee or contract operator doing the work, shall be maintained with the vehicle and shall be made available when requested by the Department.
 - (E) Equipment used for transport of water in bulk shall not be used for protein or fat-containing beverages or food products or for any non-food products.

Note: Additional information on procedures for emergency tank truck bulk water hauling can be accessed at the Massachusetts Department of Environmental Protection's website at <http://www.state.ma.us/dep/brp/dws/dwspubs.htm>

- II. Bulk tanker trucks transporting water to a facility from sources of supply other than those owned by the water supplier shall be marked with the name and address of the bulk water hauler. For each shipment, a shipping statement shall be prepared and available upon request containing at least the following information
 - (A) Name and address of the owner of the water source
 - (B) Water source
 - (C) Date of loading
 - (D) Gallons of source water delivered
 - (E) Date and time delivered at the plant
- III. If the bulk water is to be provided to a water bottling plant or other operations under the jurisdiction of DPH, DEP responsibilities will be limited to source approval.

C. Requirements of Public Water Supplier Using Bulk Water

- I. If the Bulk Water is to be provided to a public water system and the receiving public water system cannot be assured that the tank truck, that routinely delivers the water, has only transported water from an approved Massachusetts or other state public drinking water source and that the water in the tank truck always met the Massachusetts drinking water standards for public water systems, the receiving system will be required to take additional bacteria samples for each tank of water received. The DWP may require other samples as necessary.
- II. A water system that plans to use trucked water in response to an emergency shall first contact the Department for approval. An emergency declaration may be necessary. The

water supplier is responsible for documenting and keeping proper records of the emergency trucked water operation similar to B.II.

- III. The receiving water storage tanks must be inspected to assure that water quality issues will not occur during filling and distribution to consumers. Receiving storage tanks must be cleaned and disinfected using the same procedures identified for the truck containers. Also the receiving tanks must be kept secure and protected from contamination.
- IV. The PWS must maintain a running 12-month record of all water delivered to their facility. The record shall include the date, time, location, water source, source identification number, whether treated or untreated, and the name and signature of the certified operator for the receiving public water system.
- V. Public water systems that receive bulk water for longer than a 12-month period will be required to file an annual report that will provide updated information on the following issues:
 - Chronology of the on-going emergency that resulted in the use of bulk water
 - Plans for resolving the emergency situation
 - Required tank truck sanitation records for the past 12 months
 - Required bulk water source information for the past 12 months